## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: K.R. SRIDHAR et al.

Title: COMBINED ENERGY STORAGE

AND FUEL GENERATION WITH

REVERSIBLE FUEL CELL

Appl. No.: Unassigned

Filing

09/03/2003

Date:

Examiner: Unassigned

Art Unit: Unassigned

## UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

## TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

## RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Harold C. Wegner

Attorney for Applicant Registration No. 25,258

Date

**FOLEY & LARDNER** 

Customer Number: 22428

22428

PATENT TRADEMARK OFFICE

Telephone: (202) 672-5571 Facsimile: (202) 672-5399

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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	Substitute	for form 1449B	/PTO		Complete if Known		
i		ION DISCLO		Application Number	Unassigned		
	STATEME	NT BY APPLI	CANT	Filing Date	09/03/2003		
	Date Submitte	d: Sentembe	r 3 2003	First Named Inventor	K.R. SRIDHAR et al.		
		•	•	Group Art Unit	Unassigned		
	(use as many	sheets as ne	cessary)	Examiner Name	Unassigned		
Sheet	1	of	2	Attorney Docket Number	079173-0125		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent D		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code <sup>2</sup> (if known)				
	A1	6,280,865	B1	Eisman et al	8/28/01		
	A2	6,329,090	B1	McElroy et al	12/11/01		
	A3	5,741,605		Gillett et al	4/21/98		
	A4	5,733,675		Dederer et al	3/31/98		
	A5	5,601,937		Isenberg	2/11/97		
	A6	5,573,867		Zafred et al	11/12/96		
	A7	5,527,631		Singh et al	6/18/96		
	A8	5,498,487		Ruka et al	3/12/96		
	A9	5,441,821		Merritt et al	8/15/95		
	A10	5,302,470		Okada et al	4/12/94		
	A11	5,170,124		Blair et al	12/8/92		
	A12	5,169,730		Reichner et al	12/8/92		
	A13	5,143,800		George et al	9/1/92		
	A14	5,047,299		Shockling	9/10/91		
	A15	4,983,471		Reichner et al	1/8/91		
	A16	4,898,792		Singh et al	2/6/90		
	A17	6,403,245	B1	Hunt	6/11/02		
	A18	6,013,385		DuBose	01/11/00		
	A19	6,436,562	B1	DuBose	08/20/02		
	A20	2002/0058175	A1	Ruhl	5/16/02		
	A29	6,051,125		Pham, et al	4/18/00		

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Examiner Initials*	Cite No. <sup>1</sup>	Fore Office <sup>3</sup>	eign Patent D Number <sup>4</sup>	Oocument Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>						
	A21	Cell and Stack Construction: Low-Temperature Cells, L.G. Austin, NASA SP-120, 1967							
	A22	Low Cost, High Efficiency Reversible Fuel Cell Systems, Proceedings of the 2002 U.S. DOE Hydrogen Program Review, NREL/CP-610-32405							

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08 (08-00)

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	Substitute for form	1449B/	PTO	Complete if Known		
	INFORMATION DI	SCLO	SURE	Applicati n Number	Unassigned	
	STATEMENT BY	APPLI	CANT	Filing Date	09/03/2003	
	Data Cubmittadi. Can	tamba	- 2 2002	First Named Inventor	K.R. SRIDHAR et al.	
	Date Submitted: Sep	tembe	3, 2003	Group Art Unit	Unassigned	
	(use as many sheets	as ne	cessary)	Examiner Name	Unassigned	
Sheet	2	of	2	Attorney Docket Number	079173-0125	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue numb publisher, city and/or country where published.					
	A23	Low Cost Reversible Fuel Cell System, Proceedings of the 2000 U.S. DOE Hydrogen Program Review, June 15, 2000, NREL/CP-570-28890				
	A24	Low Cost, Compact Solid Oxide Fuel Cell Generator, NASA Small Business Innovation Research Program				
	A25	Small, Ultra Efficient Fuel Cell Systems, Advanced Technology Program ATP 2001 Competition (June 2002)				
-	A26	Low Cost, High Efficiency Reversible Fuel Cell (and Electrolyzer) Systems, Proceedings of the 2001 DOE Hydrogen Program Review NREL/CP-570-30535				
	A27	Regenerative Fuel Cells for High Altitude Long Endurance Solar Powered Aircraft, F. Mitlitsky, et al, 28 <sup>th</sup> Intersociety Energy Conversion Engineering Conference (IECEC), 7/28/93, UCRL-JC-113485				
	A28	Unitized Regenerative Fuel Cells for Solar Rechargeable Aircraft and Zero Emission Vehicles, F. Mitlitsky, et al, 1994 Fuel Cell Seminar, 9/6/94, UCRL-JC-117130				
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Examiner	Date	
Signature	Cons	sidered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.